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OCTOBER 1961

# TRADE IN GRAIN FUTURES

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U. S. DEPARTMENT OF AGRICULTURE

WASHINGTON 25, D. C.

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VOL. 28

NO. 4



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KEY:        a-asked price                      b-bid price                      n-nominal quotation

The open contract figures shown in this publication are aggregates of positions (one side only) reported by clearing members.

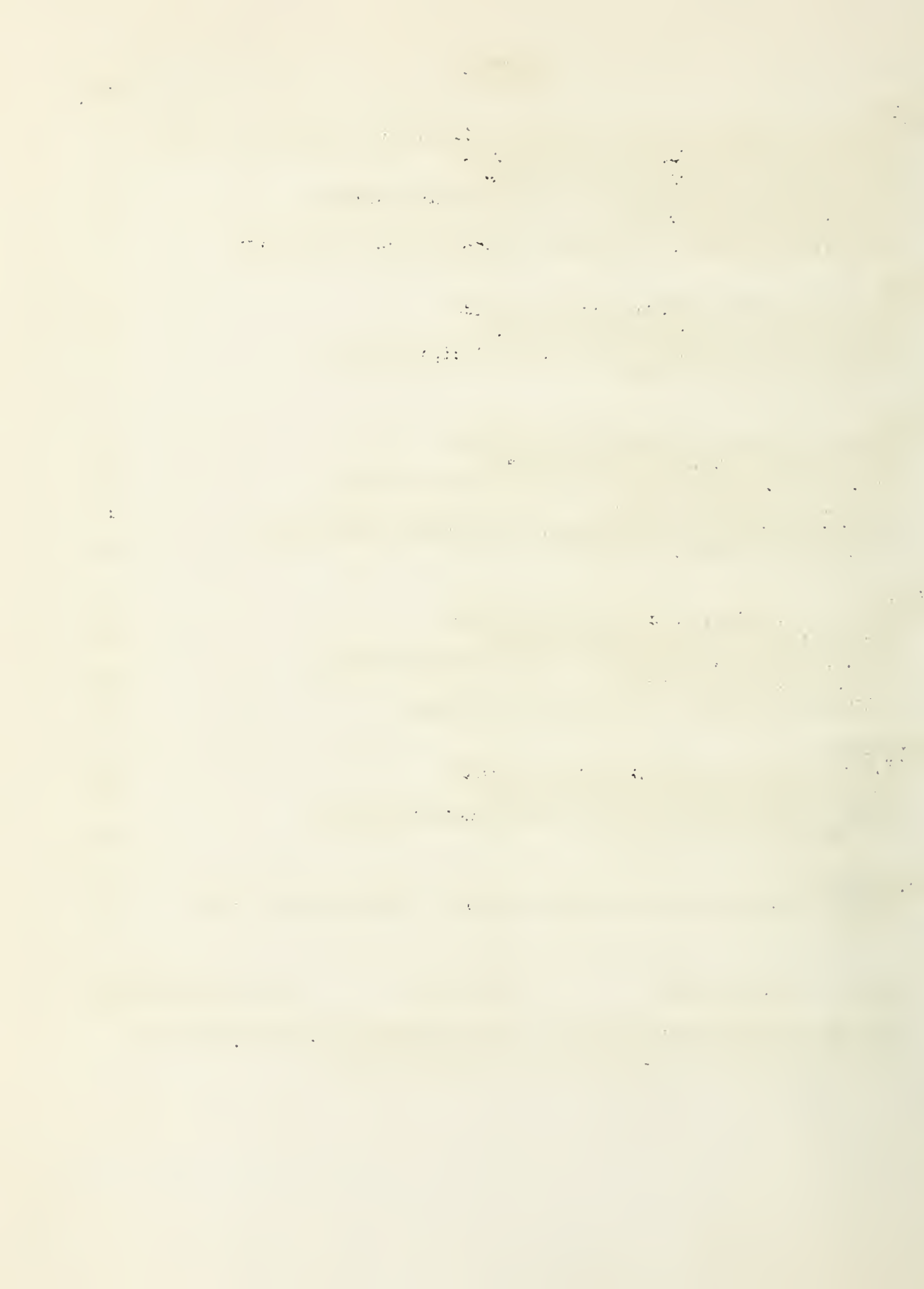


Table 1. WHEAT: Volume of trading and open contracts, all futures combined, by markets, October 1961  
(1,000 bushels)

Date	VOLUME OF TRADING						OPEN CONTRACTS					
	Chicago Board of Trade	Minneapolis: Grain Exchange	Kansas: City Board of Trade	Other markets	Total	Chicago Board of Trade	Minneapolis: Grain Exchange	Kansas: City Board of Trade	Other markets	Total		
1961												
October												
2	32,208	632	1,884	264	34,988	167,504	9,230	24,871	464	202,069		
3	24,738	915	1,295	249	27,197	155,020	9,232	24,716	434	199,402		
4	12,134	588	741	76	13,539	164,500	9,146	24,556	427	198,629		
5	16,251	386	1,123	222	17,982	164,329	9,092	24,440	431	198,292		
6	12,007	1,267	610	185	14,069	164,256	9,220	24,235	460	198,171		
9	10,638	1,043	671	118	12,470	163,138	9,337	24,111	440	197,026		
10	8,743	1,050	987	102	10,882	162,538	9,262	24,103	440	196,343		
11	10,737	632	1,325	139	12,833	162,501	9,566	24,043	439	196,549		
12	8,382	504	677	69	9,632	162,414	9,646	23,892	447	196,399		
13	11,129	555	1,117	201	13,002	162,580	9,675	23,795	417	196,467		
16	8,159	430	1,350	75	10,014	160,936	9,848	23,529	426	194,739		
17	8,551	697	1,140	43	10,431	159,486	9,799	23,776	431	193,492		
18	7,294	641	1,066	93	9,094	158,979	9,694	23,734	445	192,852		
19	11,550	665	1,460	108	13,783	161,622	9,636	23,615	489	195,412		
20	5,542	691	919	63	7,215	160,242	9,747	23,296	472	193,757		
23	15,566	843	1,350	82	17,841	158,161	9,612	22,707	459	190,939		
24	12,675	724	1,331	31	14,761	159,155	9,561	22,223	452	191,391		
25	9,280	579	958	84	10,901	158,332	9,528	21,898	465	190,223		
26	12,035	1,084	1,196	111	14,426	157,824	9,420	22,025	497	189,766		
27	9,565	1,042	1,220	72	11,899	156,352	9,266	21,951	497	188,066		
30	8,094	653	1,040	100	9,887	155,305	9,230	22,322	482	187,339		
31	9,437	788	1,645	239	12,109	154,623	9,149	22,462	565	186,799		
Total												
Oct. 1961	264,715	16,409	25,105	2,726	308,955							
Sept. 1961	244,920	17,908	27,868	2,140	292,836							
Oct. 1960	128,589	19,169	15,454	1,829	165,041							



Table 2. WHEAT: Volume of trading, Chicago Board of Trade  
October 1961

(1,000 bushels)

Date	Future					All futures
	December	March	May	July	September	
1961 October						
2	10,477	10,010	6,763	3,778	1,180	32,208
3	8,071	8,005	5,370	2,832	460	24,738
4	4,622	3,251	3,143	966	152	12,134
5	5,451	5,673	2,897	2,158	72	16,251
6	3,603	3,516	2,850	1,606	432	12,007
9	2,980	4,113	2,206	1,194	145	10,638
10	3,151	2,009	2,155	1,315	113	8,743
11	3,844	3,578	1,963	1,332	20	10,737
12	3,406	2,626	1,474	856	20	8,382
13	5,873	2,572	1,429	1,225	30	11,129
16	2,470	2,261	2,311	1,022	95	8,159
17	2,707	2,557	2,412	795	80	8,551
18	2,206	2,139	1,389	1,419	141	7,294
19	3,172	2,104	1,119	2,917	2,238	11,550
20	2,196	1,517	1,154	605	70	5,542
23	6,620	4,711	2,321	1,425	489	15,566
24	4,680	2,869	1,762	2,512	852	12,675
25	3,510	2,705	1,810	959	296	9,280
26	4,654	4,243	2,099	969	70	12,035
27	3,589	2,716	2,198	778	284	9,565
30	2,101	2,236	2,611	750	396	8,094
31	3,233	2,915	2,204	832	253	9,437
Total						
Oct. 1961	92,616	78,326	53,640	32,245	7,888	264,715
Sept. 1961	95,551	61,915	39,772	28,007	19,675	244,920
Oct. 1960	61,871	36,503	20,512	8,298	1,405	128,589



Table 3. WHEAT: Open contracts, Chicago Board of Trade  
October 1961

(1,000 bushels)						
Future						
Date	December	March	May	July	September	All futures
1961						
October						
2	45,961	59,337	39,729	21,377	1,100	167,504
3	44,107	57,968	40,233	21,307	1,405	165,020
4	43,626	57,365	40,515	21,487	1,507	164,500
5	43,480	57,194	40,417	21,714	1,524	164,329
6	43,403	56,858	40,528	21,818	1,649	164,256
9	42,989	56,195	40,661	21,609	1,684	163,138
10	42,633	56,315	40,251	21,603	1,736	162,538
11	42,403	56,256	40,221	21,865	1,756	162,501
12	42,022	56,540	40,164	21,932	1,756	162,414
13	41,859	56,612	40,275	22,048	1,786	162,580
16	41,533	55,998	39,643	21,956	1,806	160,936
17	40,831	55,806	39,045	21,978	1,826	159,486
18	40,801	55,741	38,589	21,947	1,901	158,979
19	40,354	55,746	38,758	22,802	3,962	161,622
20	39,551	55,286	38,416	22,987	4,002	160,242
23	38,438	54,458	37,934	23,112	4,219	158,161
24	37,382	55,069	38,040	23,833	4,831	159,155
25	36,160	55,080	37,912	24,213	4,967	158,332
26	35,443	55,028	37,877	24,494	4,982	157,824
27	34,610	54,723	37,490	24,477	5,052	156,352
30	34,307	54,502	36,902	24,371	5,223	155,305
31	33,796	54,187	36,797	24,508	5,335	154,623

Table 4. WHEAT: High, low and closing prices, three principal futures, Chicago Board of Trade, October 1961  
(cents per bushel)

Date	1961 December future			1962 March future			1962 May future		
	: High	Low	Closing	: High	Low	Closing	: High	Low	Closing
1961									
October									
2	:204 3/4	202 1/4	202 3/4	:209 5/8	207 1/4	207 7/8-3/4	:211 3/4	209 5/8	210
3	:203 1/2	202	203 1/2-3/8	:208 1/2	207	208 1/2-3/8	:210 1/2	208 3/4	210 3/8
4	:203 3/4	202 7/8	203 1/8-203	:208 3/4	207 7/8	208 1/8	:210 3/4	209 7/8	209 7/8-210
5	:203 1/8	201 3/4	202 1/4	:208 1/2	206 3/4	207 1/4-1/8	:210	208 7/8	209 1/2-3/8
6	:202 7/8	201 1/2	202 7/8-3/4	:207 3/4	206 1/2	207 5/8-3/4	:209 7/8	208 7/8	209 3/4-1/2
9	:203 5/8	202 1/4	202 1/2-5/8	:208 5/8	207 3/8	207 5/8-1/2	:210 3/4	209 5/8	209 7/8-3/4
10	:203 1/2	202 3/8	203 1/4-1/8	:208 1/2	207 3/8	208 1/2	:211	209 3/4	210 3/4-7/8
11	:204 1/4	202 3/8	204-203 3/4	:209 1/4	207 3/4	209-208 3/4	:211 3/4	210 1/4	211 3/8-1/4
12	:204 1/2	203 5/8	204 3/8-1/2	:209 1/2	208 3/4	209 3/8-1/2	:211 7/8	211 1/4	211 1/2
13	:204 3/4	203	204 1/8-204	:209 5/8	208	209 1/4-1/8	:211 3/4	210 5/8	211 5/8-3/4
16	:204 5/8	203 7/8	204 1/2-3/8	:209 3/4	209 1/8	209 5/8-3/4	:212 1/4	211 3/4	212 1/4
17	:204 3/8	203 5/8	203 7/8-204	:209 3/4	209	209 1/4	:211 7/8	211 3/8	211 5/8-3/4
18	:204 1/8	203 1/4	203 7/8-204	:209 1/2	208 5/8	209 3/8-1/4	:212	211 1/8	211 7/8-212
19	:204 1/8	203 3/8	203 3/8-1/2	:209 5/8	208 7/8	209	:212 1/4	211 1/2	211 3/4-5/8
20	:204	203 3/8	203 7/8-3/4	:209 1/2	208 7/8	209 1/4-1/8	:211 7/8	211 3/8	211 5/8-1/2
23	:205 1/2	203 7/8	205 1/8-1/4	:210 3/4	209 1/8	210 3/4-1/2	:212 3/4	211 3/8	212 5/8-3/4
24	:205 1/2	204 5/8	205 1/8-1/4	:210 3/4	210 1/8	210 3/8-1/2	:212 7/8	212	212 5/8-1/2
25	:205 1/2	204 1/4	204 1/2-5/8	:210 3/4	209 1/2	209 7/8-3/4	:212 3/4	211 3/4	211 3/4-7/8
26	:204 1/4	203	203-03 1/8	:209 5/8	208 5/8	208 5/8-3/4	:211 3/4	211	211-11 1/8
27	:203 1/4	202 5/8	202 7/8-203	:209	208 3/8	208 5/8-3/4	:211 1/4	210 5/8	210 7/8-211
30	:202 3/4	202 1/8	202 1/4-3/8	:208 3/8	207 3/4	207 7/8-3/4	:210 5/8	209 7/8	210
31	:202 5/8	201 5/8	202 1/2	:208 3/4	207 1/4	208 1/4	:210 3/8	209 1/2	210 1/4

Table 5. WHEAT: Daily closing prices, at Chicago, Minneapolis and Kansas City

(cents per bushel)				
1961 December future				
Date	Chicago Board of Trade	Minneapolis Grain Exchange	Kansas City Board of Trade	<u>1/</u>
1961 October				
2	202 3/4	225 3/8	201 3/8	
3	203 1/2-3/8	225 1/2	201 5/8	
4	203 1/8-203	225 1/2	201 3/8	
5	202 1/4	225 3/8	201 1/4	
6	202 7/8-3/4	225 7/8	200 7/8	
9	202 1/2-5/8	226 1/2	201 1/4	
10	203 1/4-1/8	226 1/2	201 1/2	
11	204-203 3/4	226 7/8	202	
12	204 3/8-1/2	226 1/2	202 3/4	
13	204 1/8-204	226 1/4	202 3/4	
16	204 1/2-3/8	226 3/8	202 7/8	
17	203 7/8-204	226 1/8	202 3/4	
18	203 7/8-204	226 3/8	202 3/4	
19	203 3/8-1/2	226 3/8	202 1/4-1/8	
20	203 7/8-3/4	226 1/2	202 1/2	
23	205 1/8-1/4	227 1/2	203 5/8	
24	205 1/8-1/4	227 1/8	203 3/8-1/4	
25	204 1/2-5/8	227 1/4	203 1/2-3/8	
26	203-03 1/8	226 7/8	202 3/8-1/2	
27	202 7/8-203	227	202 3/4-5/8	
30	202 1/4-3/8	227 1/4	202 1/4	
31	202 1/2	227 3/8	202 1/8-202	

1/ New contracts

Table 6. CORN: Volume of trading, Chicago Board of Trade  
October 1961

(1,000 bushels)						
Future						
Date	December	March	May	July	September	All futures
1961						
October						
2	4,898	2,034	1,543	1,171	28	9,674
3	10,138	4,969	6,875	5,075	146	27,203
4	4,073	1,312	2,429	1,270	165	9,249
5	4,596	2,229	2,052	1,440	127	10,444
6	6,163	3,570	2,342	1,570	280	13,925
9	20,949	11,292	6,362	4,320	594	43,517
10	10,437	5,474	4,013	1,886	237	22,047
11	7,681	3,543	2,299	1,721	187	15,431
12	7,366	3,572	2,568	1,032	10	14,548
13	4,461	2,118	1,600	999	40	9,218
16	6,122	2,580	2,610	1,370	---	12,682
17	4,593	2,630	2,472	2,592	85	12,372
18	4,147	3,426	1,709	2,391	105	11,778
19	5,585	4,257	2,387	2,301	61	14,591
20	6,573	4,733	3,009	1,827	45	16,187
23	3,823	2,498	1,345	313	10	7,989
24	3,467	1,732	672	883	10	6,764
25	5,682	2,833	1,747	502	65	10,829
26	8,954	2,901	2,150	1,506	50	15,561
27	4,369	2,285	1,586	1,385	347	9,972
30	9,115	4,939	4,862	3,289	581	22,786
31	6,000	3,113	1,497	1,843	512	12,965
Total						
Oct. 1961	149,192	78,040	58,129	40,686	3,685	329,732
Sept. 1961	108,962	62,469	58,044	28,929	14,948	273,352
Oct. 1960	74,293	24,339	12,215	3,098	---	113,945



Table 7. CORN: Open contracts, Chicago Board of Trade  
October 1961

(1,000 bushels)						
Date	Future					All futures
	December	March	May	July	September	
1961 October						
2	48,698	49,347	36,326	18,276	28	152,675
3	48,151	49,320	36,165	20,061	159	153,856
4	48,233	49,612	36,452	20,633	284	155,214
5	48,459	49,289	36,980	20,909	289	155,926
6	47,075	48,841	37,310	20,938	454	154,618
9	48,134	49,392	37,752	21,453	798	157,529
10	47,157	48,517	37,510	21,360	964	155,508
11	47,205	48,932	37,893	21,761	1,110	156,901
12	46,403	49,257	38,139	21,931	1,110	156,840
13	45,967	49,526	38,077	22,000	1,077	156,647
16	46,732	49,659	38,582	22,536	1,077	158,586
17	46,522	49,467	39,774	23,487	1,102	160,352
18	47,026	49,677	39,919	25,107	1,157	162,886
19	47,009	50,035	39,764	26,377	1,193	164,378
20	45,861	50,432	39,784	26,765	1,218	164,060
23	45,956	50,824	40,106	26,906	1,218	165,010
24	46,229	51,299	40,182	27,256	1,218	166,184
25	46,016	51,844	40,255	27,483	1,208	166,806
26	46,873	52,495	40,508	28,409	1,253	169,538
27	46,719	52,961	40,931	29,070	1,406	171,087
30	46,828	53,358	41,232	29,367	1,751	172,536
31	46,822	53,973	41,452	30,268	2,029	174,544

Table 8. CORN: High, low and closing prices, three principal futures, Chicago Board of Trade, October 1961  
(cents per bushel)

Date	1961 December future			1962 March future			1962 May future		
	:High	Low	Closing	:High	Low	Closing	:High	Low	Closing
1961									
October :									
2	:109 1/8	108 1/2	108 1/2	:114	113 1/2	113 1/2-5/8	:117 7/8	117 1/4	117 1/4
3	:109 1/4	107 3/4	109 1/8-1/4	:114 3/8	112 7/8	114 1/4	:118 3/8	116 3/4	118
4	:109 1/4	108 3/8	108 1/2-5/8	:114 1/8	113 1/2	113 5/8-3/4	:118 1/8	117 1/2	117 1/2-5/8
5	:108 3/8	107 3/4	108-107 7/8	:113 3/8	112 5/8	112 3/4	:117 1/2	116 1/2	116 1/2-5/8
6	:107 7/8	107 1/4	107 7/8-3/4	:113	112 1/4	113	:116 3/4	116 1/8	116 3/4
9	:112 3/4	108 3/4	109 3/8-1/4	:117 3/4	113 7/8	114 1/4-3/8	:121 1/2	117 5/8	118-18 1/8
10	:110 7/8	109 1/4	110-10 1/4	:115 7/8	114 1/4	115 3/8-1/2	:119 3/4	118 1/4	119 1/8-1/4
11	:111 1/2	109 5/8	111 3/8-1/4	:116 3/4	114 3/4	116 1/2	:120 1/2	118 3/4	120 1/4-1/8
12	:111 7/8	110 3/4	111 1/8-111	:116 7/8	115 7/8	116 1/8-116	:120 5/8	119 5/8	119 5/8
13	:111 1/2	110 1/2	110 3/4-111	:116 3/8	115 3/8	115 3/4	:119 7/8	119	119 1/2-3/8
16	:110 1/2	109 3/4	110-109 7/8	:115 3/8	114 3/4	115 1/4-1/8	:119 1/8	118 1/2	118 7/8-119
17	:109 7/8	109 1/4	109 3/8-1/2	:115	114 1/4	114 1/2	:118 3/4	118 1/4	118 3/8-1/2
18	:109 5/8	109	109 1/2-5/8	:114 3/4	114 1/8	114 3/4	:118 5/8	118	118 5/8-1/2
19	:111 1/8	109 1/2	111 1/8-111	:116	114 3/4	115 7/8-116	:119 3/4	118 5/8	119 3/4-5/8
20	:112 1/4	110 3/4	111 3/4-7/8	:116 7/8	115 5/8	116 1/2	:120 1/4	119 3/8	119 7/8-120
23	:112	111 1/8	111 5/8-1/2	:116 3/4	116	116 3/8-1/2	:120 1/8	119 1/2	119 3/4-7/8
24	:111 5/8	111 1/8	111 3/8-1/4	:116 1/2	115 7/8	116	:119 3/4	119 1/4	119 1/4
25	:112 1/4	111 1/2	111 5/8	:116 3/4	116 1/4	116 3/8-1/4	:120 1/8	119 1/2	119 1/2
26	:111 1/4	110 3/8	110 1/2-3/8	:116 1/4	115 3/8	115 3/8-1/2	:119 1/2	118 3/4	118 3/4
27	:110 3/8	109 3/4	109 7/8-3/4	:115 3/8	115	115	:119	118 3/8	118 1/2-5/8
30	:109	108	108 3/8-1/2	:114	113 3/8	113 3/8-1/2	:118	117	117-17 1/8
31	:108 7/8	108 1/8	108 3/8-1/4	:114	113 1/4	113 3/8-1/2	:117 7/8	117	117 1/4-1/8

Table 9. OATS: Volume of trading, Chicago Board of Trade  
October 1961

(1,000 bushels)

Date	Future					All futures
	December	March	May	July	September	
1961 October						
2	4,156	1,895	2,539	352	5	8,947
3	9,005	3,610	2,109	204	---	14,928
4	4,670	1,891	1,298	200	---	8,059
5	6,137	2,254	1,363	291	---	10,045
6	6,958	4,055	2,103	314	---	13,430
9	6,052	3,097	1,381	172	---	10,702
10	5,387	2,246	2,137	416	---	10,186
11	6,050	2,143	1,822	484	40	10,539
12	6,348	2,250	2,461	572	---	11,631
13	3,120	1,414	1,186	192	---	5,912
16	1,691	986	846	75	---	3,598
17	1,711	1,328	1,113	77	---	4,229
18	1,850	726	347	85	---	3,008
19	1,967	712	530	215	---	3,424
20	2,243	674	719	240	---	3,876
23	3,238	1,438	761	270	30	5,737
24	2,723	1,353	602	75	---	4,753
25	1,914	1,316	339	64	---	3,633
26	4,585	2,212	1,653	90	---	8,540
27	3,335	1,362	812	180	10	5,699
30	4,628	2,601	2,460	417	10	10,116
31	5,089	2,315	1,768	342	20	9,534
Total						
Oct. 1961	92,857	41,878	30,349	5,327	115	170,526
Sept. 1961	101,967	45,454	33,832	3,143	5,910	190,306
Oct. 1960	32,841	16,804	12,409	4,878	---	66,932



Table 10. OATS: Open contracts, Chicago Board of Trade  
October 1961

(1,000 bushels)							All futures
Future							
Date	December	March	May	July	September		
1961 October							
2	40,061	23,246	19,577	1,650	5	84,539	
3	38,350	23,131	19,514	1,737	5	82,737	
4	37,960	23,145	19,315	1,907	5	82,332	
5	36,918	22,996	19,431	2,010	5	81,360	
6	35,446	22,647	19,502	2,032	5	79,632	
9	35,150	22,732	19,330	2,102	5	79,319	
10	34,782	23,125	19,113	2,391	5	79,416	
11	33,549	23,107	19,185	2,488	40	78,369	
12	32,873	22,733	19,204	2,855	40	77,705	
13	32,734	22,804	18,929	2,895	40	77,402	
16	32,539	22,789	19,012	2,955	40	77,335	
17	32,681	22,870	18,630	2,997	40	77,218	
18	32,897	23,063	18,611	3,017	40	77,628	
19	32,706	23,200	18,606	2,982	40	77,534	
20	32,574	23,300	18,512	3,162	40	77,588	
23	32,098	23,326	18,567	3,267	60	77,318	
24	31,868	23,622	18,619	3,287	60	77,456	
25	31,844	23,573	18,661	3,306	60	77,444	
26	31,456	24,080	18,603	3,351	60	77,560	
27	30,819	24,304	18,318	3,326	70	76,837	
30	30,214	24,614	17,493	3,258	80	75,659	
31	28,792	25,436	17,645	3,316	80	75,269	

Table 11. OATS: High, low and closing prices, three principal futures, Chicago Board of Trade, October 1961  
(cents per bushel)

Date	1961 December future			1962 March future			1962 May future		
	High	Low	Closing	High	Low	Closing	High	Low	Closing
1961									
October									
2	:69 3/4	68 5/8	68 3/4-7/8	:73 1/4	72 1/2	72 1/2-5/8	:73 1/2	72 3/4	73 1/8-1/4
3	:69	67 5/8	68 3/4-7/8	:72 3/4	71 3/4	72 3/4	:73 7/8	72 1/2	73 7/8
4	:69	68 1/8	68 1/4-3/8	:73 1/4	72 1/4	72 1/4-3/8	:74	73 3/8	73 5/8-3/4
5	:68 3/8	67	67 1/4	:72 3/8	71	71 1/4	:73 3/4	72 3/8	72 3/4
6	:67	65 7/8	66 7/8-3/4	:71 1/8	69 3/4	70 3/8-5/8	:72 1/2	71 1/8	72-72 1/8
9	:68 1/2	67	67 3/8-1/2	:72 1/2	70 5/8	71 3/8-1/4	:73 5/8	72	72 3/4-7/8
10	:68 1/2	67 1/4	67 3/4-7/8	:72 1/2	71 1/4	72 3/8-1/4	:74	72 3/4	74
11	:69 3/8	67 1/2	69 1/4-1/8	:73 7/8	72	73 3/4-5/8	:75 1/4	73 5/8	75 1/4
12	:70 1/8	68 5/8	68 3/4-7/8	:74 1/8	72 7/8	73-73 1/8	:75 3/4	74 1/2	74 5/8-3/4
13	:69 1/4	68	69 1/8-68 3/4	:73 1/4	72 1/8	73	:74 3/4	73 5/8	74 3/4
16	:68 7/8	68	68 3/4-7/8	:73	72 3/8	72 7/8-3/4	:74 7/8	74 1/8	74 3/4
17	:69 1/2	68 1/2	69 1/4	:73 3/8	72 1/2	73 3/8-1/8	:75 3/8	74 1/2	75 3/8-1/4
18	:69 3/8	68 1/2	68 7/8-3/4	:73 1/4	72 3/4	73 1/8-73	:75 1/4	74 5/8	75
19	:69 1/8	68 3/8	68 1/2	:73 1/4	72 3/4	73 1/8-73	:75 1/4	74 5/8	75-74 7/8
20	:69 5/8	68 5/8	69 1/4-3/8	:73 1/2	72 7/8	73 3/8	:75 1/2	74 7/8	75 3/8-1/2
23	:70 1/4	69 1/4	69 3/8-1/4	:74 1/4	73 3/8	73 1/2	:75 7/8	75 1/4	75 1/2
24	:69 1/2	68 1/2	68 1/2	:73 5/8	72 3/4	72 7/8-3/4	:75 1/2	74 5/8	74 3/4-5/8
25	:68 7/8	68 1/4	68 1/4	:72 7/8	72 1/2	72 5/8-1/2	:74 3/4	74 3/8	74 3/8
26	:68 3/8	67 1/2	67 1/2-5/8	:72 1/2	72	72-72 1/8	:74 1/2	73 7/8	74
27	:67 5/8	67	67 1/2-5/8	:72 1/8	71 5/8	72-71 7/8	:74	73 5/8	74-73 7/8
30	:67	66 1/4	66 1/4-3/8	:71 3/8	70 1/2	70 5/8-3/4	:73 3/4	72 5/8	72 5/8
31	:66 3/4	65 1/2	66-65 7/8	:71	70 1/8	70 1/4	:73 1/4	72 3/8	72 3/4-5/8

Table 12. OATS: Daily closing prices, at Chicago and Winnipeg, and rate of exchange, Canadian currency

(cents per bushel)				
: 1961 December future				
Date	Chicago	Winnipeg	Exchange Rate <u>2/</u>	
	Board of	Grain <u>1/</u>	Canadian Currency	
	Trade	Exchange		
1961				
<u>October</u>				
2	68 3/4-7/8	91 1/8 a	97.0625	
3	68 3/4-7/8	92 5/8	97.0625	
4	68 1/4-3/8	93 b	97.0625	
5	67 1/4	91 7/8	97.0625	
6	66 7/8-3/4	91 3/4	97.0625	
9	67 3/8-1/2	Holiday	97.0625	
10	67 3/4-7/8	92 1/4	97.0625	
11	69 1/4-1/8	92 7/8-93	97.0625	
12	68 3/4-7/8	3/	3/	
13	69 1/8-68 3/4	93 3/8 a	97.0625	
16	68 3/4-7/8	93 3/8 a	97.0625	
17	69 1/4	93 1/2 a	97.0625	
18	68 7/8-3/4	93 3/8 a	97.0625	
19	68 1/2	92 7/8 a	97.0625	
20	69 1/4-3/8	92 1/4 a	97.0625	
23	69 3/8-1/4	92 1/8 a	97.0677	
24	68 1/2	89 7/8-90	97.0625	
25	68 1/4	90 1/4 a	97.0625	
26	67 1/2-5/8	90 3/8	97.0625	
27	67 1/2-5/8	90 5/8-3/4	97.0625	
30	66 1/4-3/8	89 5/8 b	96.9062	
31	66-65 7/8	89 1/8	96.7281	

1/ As reported by the Chicago Board of Trade and converted to American currency at rates shown.

2/ Based on noon buying rates in New York certified for customs purposes by the Federal Reserve Bank of New York.

3/ Exchange rate not available on October 12, Federal Reserve Bank closed.

Table 13. RYE: Volume of trading, Chicago Board of Trade  
October 1961

(1,000 bushels)					
Future					
Date	December	March	May	July	All futures
1961					
October					
2	1,112	811	302	6	2,231
3	2,959	1,683	620	131	5,393
4	1,497	1,108	667	112	3,384
5	2,061	1,870	1,135	231	5,297
6	3,336	1,773	628	84	5,821
9	2,033	757	537	122	3,449
10	1,415	1,377	483	38	3,313
11	2,854	1,799	1,029	235	5,917
12	3,073	2,628	827	123	6,651
13	3,848	1,981	948	340	7,117
16	4,384	4,468	1,491	275	10,618
17	2,201	1,415	788	366	4,770
18	4,135	4,302	1,415	309	10,161
19	5,217	4,145	1,492	453	11,307
20	4,476	2,137	1,611	356	8,580
23	3,119	2,257	843	303	6,522
24	3,536	2,407	782	334	7,059
25	2,359	1,661	791	147	4,958
26	2,039	1,370	590	168	4,167
27	3,155	1,629	732	98	5,614
30	4,577	2,538	1,716	312	9,143
31	3,265	2,653	1,739	276	7,933
Total					
Oct. 1961	66,651	46,769	21,166	4,819	139,405
Sept. 1961	46,877	25,162	14,713	2,266	1/ 95,380
Oct. 1960	11,359	6,886	3,530	431	22,206

1/ Includes 6,362 September future



Table 14. RYE: Open contracts, Chicago Board of Trade  
October 1961

(1,000 bushels)					
Date	Future				All futures
	December	March	May	July	
1961 October					
2	11,800	9,299	6,513	1,064	28,676
3	11,745	9,453	6,501	1,063	28,762
4	11,939	9,610	6,638	1,092	29,279
5	11,876	9,602	6,819	1,133	29,430
6	11,477	9,756	6,867	1,158	29,258
9	11,522	9,862	6,958	1,234	29,576
10	11,662	9,878	6,877	1,239	29,656
11	11,797	10,062	6,898	1,219	29,976
12	11,747	10,727	7,241	1,265	30,980
13	11,890	11,036	7,253	1,398	31,577
16	12,095	11,421	7,558	1,449	32,523
17	12,087	11,525	7,469	1,570	32,651
18	12,358	11,635	7,687	1,577	33,257
19	12,074	12,208	7,792	1,738	33,812
20	12,193	12,466	8,362	1,777	34,798
23	12,567	12,517	8,546	1,816	35,446
24	12,617	12,481	8,461	1,874	35,433
25	12,811	12,706	8,744	1,981	36,242
26	12,839	12,919	8,843	1,971	36,572
27	13,012	13,121	9,090	2,034	37,257
30	12,752	13,479	9,161	2,134	37,526
31	12,838	13,795	9,421	2,199	38,253

Table 15. RYE: High, low and closing prices, three principal futures, Chicago Board of Trade, October 1961  
(cents per bushel)

Date	1961 December future			1962 March future			1962 May future		
	:High	Low	Closing	:High	Low	Closing	:High	Low	Closing
1961									
October									
2	:134 3/4	133 3/8	134 1/4-3/4	:137 1/4	136 1/2	137 1/4	:137	136 1/2	136 3/4-137
3	:136 1/4	133 5/8	136-36 1/4	:138 3/4	136 3/4	138 3/4-1/2	:138 1/4	136 5/8	138
4	:136 3/8	135	135 1/2-1/4	:139	137 1/8	137 1/4	:138 1/2	136 1/2	137
5	:136	133 1/2	133 5/8	:138	136	136 5/8-1/2	:137 1/4	135 1/2	136 1/2-1/4
6	:133 1/2	132	132 7/8-133	:136 3/4	135	136 3/4	:136 3/8	135 1/4	136 1/4-3/8
9	:134 1/4	132 1/2	133 1/2-1/4	:137 1/4	136 1/4	137	:137	135 3/4	136 1/2
10	:134 1/2	132 7/8	133	:138 1/4	136 3/8	136 3/4	:137 1/2	136 1/4	136 1/2
11	:135 3/4	132 3/4	135 1/2-3/4	:138 3/4	136 1/2	138 3/4	:138 3/4	136 1/2	138 1/2-3/4
12	:136 3/4	135	136 3/4	:139 1/2	138 1/2	139-39 1/4	:139 1/4	138	138 1/2
13	:137 1/2	136 3/8	137 1/2	:139 3/4	138 3/8	139 1/2-3/4	:139 3/8	138 1/4	139 3/8
16	:139 1/4	138	139-39 1/4	:141 1/2	139 3/4	141 1/2-1/4	:141	139 1/2	140 1/2-3/4
17	:139	138	138 3/4-139	:141 1/4	140 1/4	141 1/4-141	:141 1/4	140	141 1/4-141
18	:141 1/2	138	141 1/2-1/4	:143 7/8	140 1/8	143 1/2-7/8	:143 3/4	140 1/4	143 3/4-1/2
19	:142 3/4	140	142-141 3/4	:144 5/8	142 1/2	143 1/2	:145	142 1/2	144-143 3/4
20	:143 1/4	141	141 1/2-3/4	:144 1/4	142 3/4	143 1/4-143	:144 3/8	142 1/2	142 3/4
23	:142 3/4	140 5/8	141 1/4	:144	141 3/4	142-141 3/4	:143 1/2	141 3/4	142 1/4-1/2
24	:141	139 1/8	139 1/2-3/4	:142 1/4	140 3/4	140 3/4-141	:142 1/4	141	141 1/4
25	:140 3/4	139	140-139 3/4	:141 3/4	140 1/2	141 1/4-141	:142	140 3/4	141 1/4-141
26	:141 1/2	139 5/8	140 3/4	:142 3/4	140 5/8	141 1/2-1/4	:142 1/4	140 1/2	141 1/2
27	:142 1/2	141	142 3/8-1/2	:143	141 3/4	142 3/4-143	:142 1/4	141 1/2	142-141 5/8
30	:144	141	141 3/4-1/2	:143 1/2	141 1/2	141 3/4-1/2	:142 1/2	140	140 3/4-1/4
31	:143 1/8	141 1/2	143-142 1/2	:142 3/8	141 1/2	141 5/8-1/2	:141	139 3/4	140

Table 16. RYE: Daily closing prices, at Chicago and Winnipeg

(cents per bushel)			
Date	:	1961 December future	
	:	Chicago	Winnipeg
	:	Board of	Grain <u>1/</u>
	:	Trade	Exchange
<u>1961</u>			
<u>October</u>			
2		134 1/4-3/4	132 a
3		136-36 1/4	133 1/8
4		135 1/2-1/4	134 1/4 a
5		133 5/8	132 1/2
6		132 7/8-133	132 5/8
9		133 1/2-1/4	Holiday
10		133	133 5/8-3/4
11		135 1/2-3/4	136 1/4
12		136 3/4	<u>2/</u>
13		137 1/2	139 1/8-3/8
16		139-39 1/4	140 1/2 b
17		138 3/4-139	140 1/8 b
18		141 1/2-1/4	143
19		142-141 3/4	143 1/8
20		141 1/2-3/4	142 1/2 a
23		141 1/4	142 1/4
24		139 1/2-3/4	138 5/8 b
25		140-139 3/4	139 7/8-140
26		140 3/4	139 a-39 1/4
27		142 3/8-1/2	140 3/4-7/8
30		141 3/4-1/2	138 1/8-137 7/8
31		143-142 1/2	138 1/4 b

1/ As reported by the Chicago Board of Trade and converted to American currency at rates shown in Table 12.

2/ Exchange rate not available on October 12, Federal Reserve Bank closed.



Table 17. SOYBEANS: Volume of trading, Chicago Board of Trade, October 1961  
(1,000 bushels)

Date	Future							All futures
	November	January	March	May	July	August	September	
1961								
October								
2	4,868	2,802	1,988	1,554	343	---		11,555
3	7,766	5,542	4,416	3,648	1,841	20		23,233
4	9,224	4,676	2,538	2,356	652	166		19,612
5	7,480	3,691	3,066	3,852	400	20		18,509
6	12,773	6,592	3,198	7,826	1,351	126		31,866
9	9,594	3,965	3,574	4,477	3,221	10	90	24,931
10	11,325	6,494	5,107	5,987	3,121	256	256	32,546
11	13,033	7,295	7,055	4,083	1,880	72	160	33,583
12	12,764	7,048	6,109	3,976	1,506	36	200	31,639
13	9,124	3,439	3,076	2,881	1,026	67	140	19,753
16	10,768	4,752	5,705	4,927	1,493	---	441	28,086
17	10,778	4,983	3,646	3,206	2,675	---	700	25,988
18	11,985	6,901	3,368	3,756	2,496	---	560	29,066
19	12,981	7,892	5,910	3,644	2,220	136	470	33,253
20	8,878	6,799	3,704	3,553	1,574	75	175	24,758
23	11,149	9,136	4,146	4,076	3,368	145	286	32,306
24	12,030	7,451	5,434	4,781	2,331	---	231	32,258
25	9,598	7,235	4,555	3,721	1,840	245	240	27,434
26	6,717	5,280	2,249	1,884	1,702	90	301	18,223
27	7,897	6,790	1,881	2,390	1,035	215	437	20,645
30	10,895	9,682	3,538	3,189	1,727	---	170	29,201
31	7,307	7,704	4,952	3,300	853	---	305	24,421
Total								
Oct. 1961	218,934	136,149	89,215	83,072	38,655	1,679	5,162	572,866
Sept. 1961	157,566	78,584	45,058	40,690	14,449	890	158,139	495,376
Oct. 1960	205,573	120,637	109,401	136,075	25,327	---	---	597,013

Table 18. SOYBEANS: Open contracts, Chicago Board of Trade, October 1961  
(1,000 bushels)

Date	Future							All futures
	November	January	March	May	July	August	September	
1961								
October								
2	39,534	46,952	43,384	26,745	9,552	476		166,643
3	38,901	47,785	43,448	27,114	10,688	496		168,432
4	38,991	47,969	43,575	27,722	11,035	606		169,898
5	39,806	47,794	43,759	29,230	11,050	626		172,265
6	38,748	47,379	43,737	32,087	11,659	726		174,336
9	37,855	47,482	43,924	33,520	12,089	726	70	175,666
10	37,063	48,377	44,480	34,960	13,229	736	316	179,161
11	37,698	48,802	46,101	35,963	13,904	762	426	183,656
12	36,989	48,740	45,958	36,970	14,211	773	446	184,087
13	36,613	49,469	46,136	37,998	14,475	795	571	186,057
16	35,588	50,258	47,065	39,383	14,879	795	892	188,860
17	36,104	50,730	47,744	40,154	15,689	795	1,302	192,518
18	36,298	51,696	48,177	40,900	16,404	795	1,457	195,727
19	35,949	52,395	48,644	41,267	16,246	790	1,497	196,788
20	35,728	52,367	48,833	42,499	16,793	820	1,472	198,512
23	35,208	52,922	49,827	43,593	17,843	800	1,516	201,709
24	33,137	53,553	49,775	43,575	18,102	800	1,540	200,482
25	33,058	53,987	49,327	43,954	18,857	870	1,625	201,678
26	32,107	54,581	49,540	44,022	18,359	920	1,521	201,050
27	30,850	55,141	49,802	44,669	18,747	1,080	1,598	201,887
30	27,716	55,444	49,878	44,684	18,788	1,080	1,698	199,288
31	25,377	56,563	50,290	45,663	18,698	1,080	1,738	199,409

Table 19. SOYBEANS: High, low and closing prices, three principal futures, Chicago Board of Trade, October 1961  
(cents per bushel)

Date	1961 November future			1962 January future			1962 March future		
	:High	Low	Closing	:High	Low	Closing	:High	Low	Closing
1961									
October									
2	:237 1/2	236 3/8	236 5/8-3/4	:241 7/8	21 1/8	241 1/4-1/8	:245 7/8	245	245-45 1/8
3	:238 3/4	236 5/8	238 5/8-3/4	:243 3/8	241 3/8	243 1/4-3/8	:247 1/4	245 1/4	247 1/4
4	:239	237 3/4	237 7/8-3/4	:244	242 1/4	242 1/4	:248	246	246 1/8-1/4
5	:237 5/8	236 1/2	236 1/2-5/8	:242 1/4	241	241 1/4-241	:245 3/4	244 5/8	244 3/4-5/8
6	:236 1/8	235 1/8	235 7/8-236	:241	239 7/8	240 5/8-3/4	:244 1/2	243 5/8	244 3/8-1/2
9	:237	235 3/4	236 5/8-3/4	:241 3/4	240 3/4	241 5/8-3/4	:245 1/2	244 1/2	245 3/8-1/2
10	:238 3/4	236 7/8	238 1/2-3/8	:243 5/8	242	243 1/4-243	:247 1/4	245 3/4	247-47 1/4
11	:239 7/8	237 7/8	239 5/8-3/8	:244 1/2	242 1/2	244 3/8-244	:248 3/8	246 3/8	248 1/4-1/8
12	:241	239 1/4	240-239 7/8	:245 1/2	243 7/8	244 1/2-5/8	:249 1/4	247 3/4	248 3/8-1/4
13	:241 1/8	239 7/8	240 7/8-241	:245 3/4	244 3/8	245 1/2	:249 1/2	248 1/4	249 3/8-1/2
16	:241 1/4	239 7/8	240-239 7/8	:245 3/4	244 1/2	244 5/8-1/2	:249 3/4	248 3/8	248 1/2-5/8
17	:240 1/4	239 1/2	239 3/4-5/8	:244 3/4	244 1/8	244 3/8-1/4	:249	247 7/8	248 1/8-248
18	:242	239 1/4	241 1/2-5/8	:246 3/8	243 7/8	245 7/8-246	:249 5/8	247 5/8	249 3/8-1/2
19	:243 1/4	241 7/8	242 3/8-1/2	:247 3/4	246 3/8	246 3/4-7/8	:250 3/4	249 5/8	249 3/4-250
20	:243	242 1/8	242 1/2-1/4	:247 1/8	246 1/4	246 1/2	:250 1/8	249 1/8	249 5/8-1/2
23	:244 1/8	242	243 5/8-3/4	:248 1/4	246 1/2	247 7/8-3/4	:250 7/8	249 3/8	250 1/8-1/4
24	:244	242 1/2	242 7/8-5/8	:248 1/4	246 3/8	246 5/8-1/2	:250 3/8	249	249 1/4-249
25	:243 3/8	242	242 1/2-3/4	:246 3/4	245 3/4	246 1/4-1/8	:249 3/8	248 3/8	249 1/8
26	:242 3/8	241 3/8	241 5/8-3/4	:246 1/8	245 1/4	245 3/8-1/2	:249	248 1/4	248 3/8-1/2
27	:242 1/4	241	241 7/8-242	:246 3/8	245	246 1/8-246	:249 1/2	248 1/8	249-49 1/4
30	:241 3/4	240 1/2	240 3/4-241	:246	244 1/2	244 3/4-5/8	:249	247 3/4	248
31	:241 1/4	240 5/8	240 3/4-5/8	:245 1/8	244 3/8	244 1/2-3/8	:248 1/4	246 3/4	247 1/4-246 3/4



Table 20. GRAINS: Deliveries on all contract markets, 1961 September future

(1,000 bushels)				
Commodity and Market:	Initial Deliveries	Redeliveries:	Total Deliveries	Notices Passed
<u>WHEAT</u>				
Chicago Board of Trade	2,972	840	3,812	595
Chicago Open Board	---	---	---	---
Kansas City	675	330	1,005	610
Minneapolis	392	341	733	63
Seattle	---	---	---	---
Milwaukee	---	---	---	---
TOTAL, all markets	4,039	1,511	5,550	1,268
<u>CORN</u>				
Chicago Board of Trade	3,090	6,578	9,668	2,565
Chicago Open Board	---	---	---	---
Kansas City	---	---	---	---
Milwaukee	---	---	---	---
Minneapolis	---	---	---	---
TOTAL, all markets	3,090	6,578	9,668	2,565
<u>OATS</u>				
Chicago Board of Trade	1,155	1,764	2,919	350
Chicago Open Board	5	---	5	---
Minneapolis	385	142	527	115
Milwaukee	---	---	---	---
Kansas City	---	---	---	---
TOTAL, all markets	1,545	1,906	3,451	465
<u>RYE</u>				
Chicago Board of Trade	417	961	1,378	402
Chicago Open Board	35	---	35	---
Minneapolis	---	---	---	---
Milwaukee	---	---	---	---
TOTAL, all markets	452	961	1,413	402
<u>SOYBEANS</u>				
Chicago Board of Trade	275	270	545	---
Chicago Open Board	---	---	---	---
Minneapolis	---	---	---	---
Memphis	---	---	---	---
Kansas City	---	---	---	---
TOTAL, all markets	275	270	545	---

United States Department of Agriculture  
COMMODITY EXCHANGE AUTHORITY  
Alex C. Caldwell, Administrator

Field Offices

Chicago 4, Illinois

Albert W. Kibby, In charge  
1200 Board of Trade Bldg.

Kansas City 5, Missouri

L. E. Wolf, In charge  
854 Board of Trade Bldg.

Minneapolis 15, Minnesota

Gerald J. Swoboda, In charge  
510 Grain Exchange Bldg.

New Orleans 12, Louisiana

W. D. Espy, In charge  
308 Cotton Exchange Bldg.

New York 4, New York

Andrew E. Seitz, In charge  
Room 1202, 44 Beaver St.

Markets Supervised

Chicago Board of Trade  
Chicago Mercantile Exchange  
Chicago Open Board  
Milwaukee Grain Exchange

Kansas City Board of Trade

Duluth Board of Trade  
Minneapolis Grain Exchange  
Portland Grain Exchange  
Seattle Grain Exchange

Memphis Board of Trade  
Clearing Association  
New Orleans Cotton Exchange  
San Francisco Grain Exchange

New York Cotton Exchange  
New York Mercantile Exchange  
New York Produce Exchange  
Wool Associates of the New York  
Cotton Exchange, Inc.

1. The first part of the paper is devoted to a generalization of the results of [1] and [2] to the case of a general group  $G$ .

2. The second part of the paper is devoted to the case of a general group  $G$ .

3. The third part of the paper is devoted to the case of a general group  $G$ .

4. The fourth part of the paper is devoted to the case of a general group  $G$ .

5. The fifth part of the paper is devoted to the case of a general group  $G$ .

6. The sixth part of the paper is devoted to the case of a general group  $G$ .

7. The seventh part of the paper is devoted to the case of a general group  $G$ .

8. The eighth part of the paper is devoted to the case of a general group  $G$ .

9. The ninth part of the paper is devoted to the case of a general group  $G$ .